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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Isabelle HARTER et al.

Examiner: Kevin L. McHenry

Serial No.: 09/835,369

Group Art Unit: 1725

Filed: April 17, 2001

Title: POLYFUNCTIONAL SUB-ASSEMBLY FOR CONTACT, MATERIAL
DISTRIBUTION AND HEAT AND/OR MATERIAL EXCHANGE OF AT
LEAST ONE GAS PHASE AND AT LEAST ONE LIQUID PHASE

SUPPLEMENTAL REPLY

Mail Stop Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to the Reply filed January 10, 2005, in response to the Office Action of
September 8, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this
paper.

Remarks/Arguments begin on page 6 of this paper.

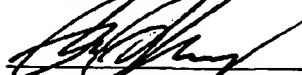
02/22/2005 CQUEEN 00000002 133402 09835369

REMARKS

By the above amendment, new independent claim 24 is added. New claim 24 is similar to claim 1 except that the downcomer generally contains at least one packing between its upper portion and its lower portion. See, e.g., page 4, line 25 - page 5, line 29.

The Commissioner is hereby authorized to charge any fees associated with this response or credit any overpayment to Deposit Account No. 13-3402.

Respectfully submitted,



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Date: February 8, 2005